



42-045-00070
PA 000 293 037
Monroe Energy, LLC
4101 Post Road
Trainer, PA 19061
(610) 364-8000

Erin Willard
Bruce Augustine

January 27, 2020

Via FedEx: 7776 0941 8555

Mr. James Rebarchak
Program Manager, Air Quality Program
PA Department of Environmental Protection
Southeast Regional Office
2 East Main Street
Norristown, PA 19401

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JAN 28 2020

Air & Radiation Division

RE: Monroe Energy, LLC – Trainer Refinery
40 CFR 60, Subpart QQQ Semi-Annual Report
Reporting Period: July 1, 2019 to December 31, 2019
Title V Operating Permit No. 23-00003

Mr. Rebarchak:

In accordance with 40 CFR Part 60, Subpart QQQ – Standards of Performance for VOC Emissions from Petroleum Refinery Wastewater Systems, the Monroe Energy, LLC Trainer Refinery respectfully submits this Semi-Annual Report for the reporting period July 1, 2019 to December 31, 2019.

All required visual inspections and Semi Annual Method 21 monitoring activities were completed during the reporting period. The results of semi-annual, routine and non-routine inspections are provided in Attachment 2.

Southside and Northside API floating roof panel repairs were accomplished during reporting period. Due to significant improvement observed, we will take this opportunity to decrease our inspection frequency from weekly to monthly.

If you have any questions or comments regarding this report, please contact Stephani Ski Szymanski, Environmental Engineer, at (610) 364-8073.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew Torell", written over a horizontal line.

Matthew Torell, P.E.
Environmental Leader

Attachment 1 - Responsible Official Certification
Attachment 2 - Reporting Requirements

Cc: U.S. EPA, Region III
Director, Air Protection Division
Mail Code 3AP00
1650 Arch Street
Philadelphia, Pa 19103-2029
Via FedEx: 7776 0943 3978



Attachment 1 - Responsible Official Certification

Responsible Official Certification

Based upon information and belief formed after a reasonable inquiry, I, as a responsible official of the above-mentioned facility, certify the information contained in this report is accurate and true to the best of my knowledge.

A handwritten signature in blue ink, appearing to read "Mark Schuck", written over a horizontal line.

Mark Schuck,
VP, Refinery Operations

A handwritten date "1/27/20" in blue ink, written over a horizontal line.

Date

Attachment 2 – Reporting Requirements

Fixed Roof

All required semi-annual visual inspections of regulated Fixed Roofs were completed. There were no findings.

Floating Roof

<i>Date</i>	<i>QQQ Tag</i>	<i>Class</i>	<i>Findings</i>	<i>Method of Repair</i>	<i>Date:</i>
7/2/2019	177;178;179;180;182;183; 184;188;191;192;194;198; 199;201;202;205;207;208; 234;235;240;244;245	Floating Roof	Product on Panel	Oil Removed from Panel	7/2/2019
7/9/2019	176;177;178;179;182;183; 191;192;194;198;199;200; 201;202;208;209;234;235; 243;245	Floating Roof	Product on Panel	Oil Removed from Panel	7/9/2019
7/16/2019	176;177;178;179;180;183; 184;188;191;192;194;200; 201;202;203;205;208;209; 234;235;237;243;245	Floating Roof	Product on Panel	Oil Removed from Panel	7/16/2019
7/23/2019	176;177;182;193;235;	Floating Roof	Product on Panel	Oil Removed from Panel	7/23/2019
7/30/2019	176;177;178;179;183;184; 188;191;192;193;194;201; 202;203;208;209;234;235; 243;245	Floating Roof	Product on Panel	Oil Removed from Panel	7/30/2019
8/6/2019	176;177;178;179;180;181; 182;183;184;185;191;192; 193;194;198;201;202;203; 205;208;209;234;235;243; 245;246;253;282	Floating Roof	Product on Panel	Oil Removed from Panel	8/6/2019
8/13/2019	176;177;178;179;182;183; 184;192;193;194;198;199; 201;202;205;208;209;234; 235;243;245;246;253;282	Floating Roof	Product on Panel	Oil Removed from Panel	8/13/2019
8/20/2019	176;177;179;180;182;183; 192;193;194;199;201;202; 203;205;208;209;234;235; 244;245;253	Floating Roof	Product on Panel	Oil Removed from Panel	8/20/2019
8/27/2019	176;177;178;193;199;201; 202;208;209;235;253;282	Floating Roof	Product on Panel	Oil Removed from Panel	8/27/2019
9/3/2019	176;177;178;193;194;199; 202;208;209;282	Floating Roof	Product on Panel	Oil Removed from Panel	9/3/2019
9/10/2019	176;177;178;179;182;183; 184;185;193;194;198;199; 202;203;205;208;209;234; 235;244;245;282	Floating Roof	Product on Panel	Oil Removed from Panel	9/10/2019
9/17/2019	176;177;178;182;193;194; 199;201;202;203;208;209; 245;282	Floating Roof	Product on Panel	Oil Removed from Panel	9/17/2019
9/24/2019	176;177;178;199;202;203; 208;209;282	Floating Roof	Product on Panel	Oil Removed from Panel	9/24/2019
10/1/2019	176;177;178;182;193;199; 201;202;203;208;209;240; 244;245;247;253;282	Floating Roof	Product on Panel	Oil Removed from Panel	10/1/2019

10/8/2019	176;177;178;182;184;200; 203;204;208;209;234;243; 245;282	Floating Roof	Product on Panel	Oil Removed from Panel	10/8/2019
10/22/2019	202;203;234;235;282	Floating Roof	Product on Panel	Oil Removed from Panel	10/22/2019
10/29/2019	182;203;232;234;235;243; 253;282	Floating Roof	Product on Panel	Oil Removed from Panel	10/29/2019
10/30/2019	NORTH SIDE SEPARATOR PLACED BACK IN SERVICE				
11/5/2019	179;183	Floating Roof	Product on Panel	Oil Removed from Panel	11/5/2019
11/19/2019	179;203	Floating Roof	Product on Panel	Oil Removed from Panel	11/19/2019

Junction Boxes

<i>Date</i>	<i>QQQ Tag</i>	<i>Class</i>	<i>Findings</i>	<i>Method of Repair</i>	<i>Date</i>
11/19/2019	6-026	Junction Box	Hatch Open	Closed Hatch	11/19/2019

OWS (Process Water Sewer) Drains

<i>Month</i>	<i>Date</i>	<i>QQQ Tag</i>	<i>Class</i>	<i>Findings</i>	<i>Method of Repair</i>	<i>Date:</i>
July	7/8/2019	3-061A	Drain	Dry	Added water to replace/ensure water seal	7/8/2019
	7/8/2019	3-061B	Drain	Dry	Added water to replace/ensure water seal	7/8/2019
	7/8/2019	3-33	Drain	Dry	Added water to replace/ensure water seal	7/8/2019
	7/8/2019	4-19	Drain	Dry	Added water to replace/ensure water seal	7/8/2019
	7/9/2019	6-19	Drain	Dry	Added water to replace/ensure water seal	7/9/2019
	7/9/2019	6-37	Drain	Dry	Added water to replace/ensure water seal	7/9/2019
	7/10/2019	1-241	Drain	Dry	Added water to replace/ensure water seal	7/10/2019
	7/10/2019	1-308	Drain	Dry	Added water to replace/ensure water seal	7/10/2019

August	8/2/2019	1-59	Drain	Dry	Added water to replace/ensure water seal	8/2/2019
	8/7/2019	4-48	Drain	Dry	Added water to replace/ensure water seal	8/7/2019
	8/7/2019	1-11	Drain	Dry	Added water to replace/ensure water seal	8/7/2019
	8/7/2019	4-34	Drain	Dry	Added water to replace/ensure water seal	8/7/2019
	8/7/2019	1-46	Drain	Dry	Added water to replace/ensure water seal	8/7/2019
	8/8/2019	3-077B	Drain	Dry	Added water to replace/ensure water seal	8/8/2019
	8/8/2019	6-22	Drain	Dry	Added water to replace/ensure water seal	8/8/2019
September	9/9/2019	3-17	Drain	Dry	Added water to replace/ensure water seal	9/9/2019
	9/9/2019	3-11	Drain	Dry	Added water to replace/ensure water seal	9/9/2019
	9/10/2019	4-40	Drain	Dry	Added water to replace/ensure water seal	9/10/2019
	9/10/2019	4-10	Drain	Dry	Added water to replace/ensure water seal	9/10/2019
	9/12/2019	2-208	Drain	Dry	Added water to replace/ensure water seal	9/12/2019
	9/12/2019	2-209	Drain	Dry	Added water to replace/ensure water seal	9/12/2019
	9/12/2019	1-12	Drain	Dry	Added water to replace/ensure water seal	9/12/2019
	9/12/2019	1-39	Drain	Dry	Added water to replace/ensure water seal	9/12/2019
	9/12/2019	1-46	Drain	Dry	Added water to replace/ensure water seal	9/12/2019
October	10/14/2019	1-16	Drain	Dry	Added water to replace/ensure water seal	10/14/2019
	10/14/2019	6-19	Drain	Dry	Added water to replace/ensure water seal	10/14/2019
	10/14/2019	6-27	Drain	Dry	Added water to replace/ensure water seal	10/14/2019
	10/15/2019	3-070A	Drain	Dry	Added water to replace/ensure water seal	10/15/2019
	10/16/2019	4-42	Drain	Dry	Added water to replace/ensure water seal	10/16/2019
	10/17/2019	2-4	Drain	Dry	Added water to replace/ensure water seal	10/17/2019
	10/17/2019	1-270	Drain	Dry	Added water to replace/ensure water seal	10/17/2019

November	11/5/2019	1-12	Drain	Dry	Added water to replace/ensure water seal	11/5/2019
	11/5/2019	1-13	Drain	Dry	Added water to replace/ensure water seal	11/5/2019
	11/5/2019	4-42	Drain	Dry	Added water to replace/ensure water seal	11/5/2019
	11/6/2019	2-37	Drain	Dry	Added water to replace/ensure water seal	11/6/2019
	11/8/2019	1275	Drain	Dry	Added water to replace/ensure water seal	11/8/2019
	11/14/2019	6-19	Drain	Dry	Added water to replace/ensure water seal	11/14/2019
	11/14/2019	6-27	Drain	Dry	Added water to replace/ensure water seal	11/14/2019
December	12/2/2019	3-082A	Drain	Dry	Added water to replace/ensure water seal	12/2/2019
	12/2/2019	3-097	Drain	Dry	Added water to replace/ensure water seal	12/4/2019
	12/2/2019	1-44	Drain	Dry	Added water to replace/ensure water seal	12/2/2019
	12/4/2019	4-33	Drain	Dry	Added water to replace/ensure water seal	12/4/2019
	12/5/2019	2-13	Drain	Dry	Added water to replace/ensure water seal	12/5/2019
	12/5/2019	2-57	Drain	Dry	Added water to replace/ensure water seal	12/5/2019
	12/6/2019	1-263	Drain	Dry	Added water to replace/ensure water seal	12/6/2019
	12/6/2019	1-264	Drain	Dry	Added water to replace/ensure water seal	12/6/2019

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